

Federal Lands Analysis Natural Gas Assessment Southern Wyoming and Northwestern Colorado



Presented to:

National Petroleum Council

Presented by

U.S. Department of Energy

Office of Fossil Energy

In association with the

Departments of Interior and Agriculture

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Federal Lands Analysis



- **Response to a recommendation from the NPC 1999 Natural Gas Study**
- **Seven month study of lease stipulations and natural gas resources**
- **Greater Green River Basin and surrounding areas**
- **DOE sponsorship, multi-agency participation**
 - S Bureau of Land Management**
 - S Forest Service**
- **Serves as the pilot study for a nationwide Federal Lands oil and gas inventory**
 - S Mandated by Congress**
 - S Expedited under the National Energy Policy**
 - S To be lead by the Department of the Interior**

Hierarchy of Stipulation and Land Use Designation Categories



Closed to Development

- **No Access, Statutory (NAS)**
- **No Access, Administrative (NAA)**
 - Includes areas of No Surface Occupancy (NSO)

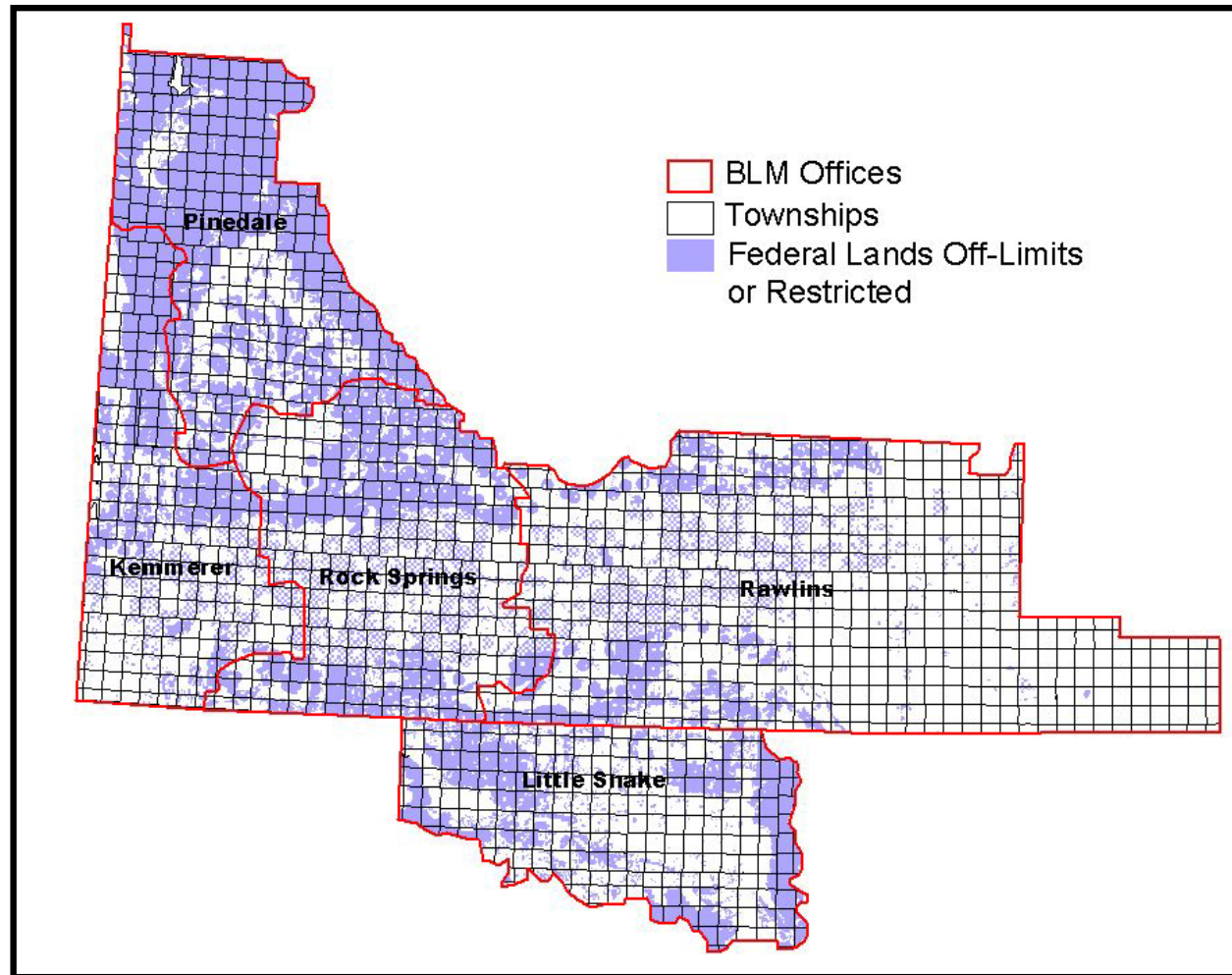
Available with Restrictions

- **Cumulative Timing Limitations >9 Months (TL>9)**
- **Cumulative Timing Limitations 6 to 9 Months (TL6-9)**
- **Cumulative Timing Limitations 3 to 6 Months (TL3-6)**
- **Cumulative Timing Limitations <3 Months (TL<3)**
- **Controlled Surface Use (CSU)**

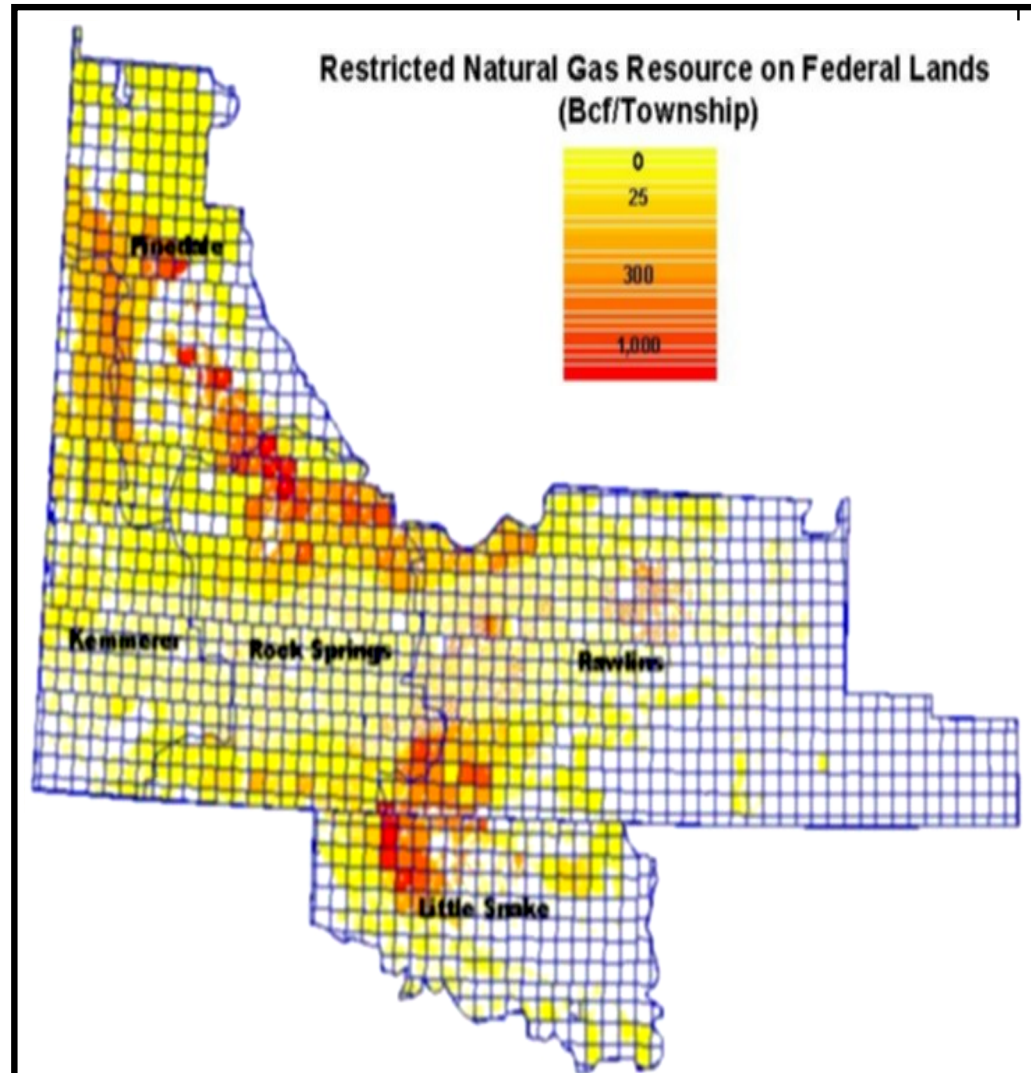
Standard Lease Terms (SLT)



Areas Closed to Development or Available with Restrictions Cover a Significant Portion of the Study Area



Restricted Natural Gas Resources on Federal Lands



Impacted Natural Gas Resources by Land Management Category

Base Case

Stipulation or Land Use Category	Technically Recoverable Natural Gas Resources	
	Bcf	% of Total Federal
Closed to Development	34,482	29.5%
Available with Restrictions	44,903	38.5%
Standard Lease Terms	37,367	32.0%
Total (Federal Lands)	116,751	100.0%
Federal Split Estate	1,498	
Total Federal Resources	118,250	
Total (Study Area)	159,474	

National Energy Policy Recommendation

- ★ **The NEPD Group recommends that the President direct the Secretary of the Interior to examine land status and lease stipulation impediments to federal oil and gas leasing, and review and modify those where opportunities exist (consistent with the law, good environmental practice, and balanced use of other resources).**
 - **Expedite the ongoing Energy Policy and Conservation Act study of impediments to federal oil and gas exploration and development.**
 - **Review public lands withdrawals and lease stipulations, with full public consultation, especially with the people in the region, to consider modifications where appropriate.**